



Faculty Researcher – Mechanical Engineering (HVAC)

Location: Corner Brook Campus

Job Opening ID: 11067

Temporary, Full-time

Commencing: As soon as possible to March 31, 2020

Deadline to Apply: December 06, 2019

PUBLIC POSTING

DUTIES: The Faculty Researcher, working under the supervision of the Associate Vice-President – Applied Research and Innovation (or designate), will be responsible for the development and delivery of a range of industry support services to promote and grow applied research focused in the forestry and agriculture sectors. Working with industry partners and college teams, the faculty researcher will be responsible for the design and on-going execution of applied R&D projects including problem identification; development of project plans, methodologies, and schedules; proposal writing; project initiation, workflow, monitoring and control; project closeout and the required liaison with relevant stakeholders. Specifically, this position will be required to design and assess potential energy efficient heating and ventilation systems in agricultural structures, lumber product production, and pulp and paper production waste management in support of applied research projects. The researcher will work closely with industry partners to support both innovation and experiential learning opportunities for College students. This position will represent the link between knowledge and technology at the College and Small and Medium Enterprises within Newfoundland and Labrador with the goal of advancing business productivity and competitiveness. The researcher will provide guidance to students and others who may be hired to support applied research projects. Travel within the province may be required.

QUALIFICATIONS: The successful candidate must have a demonstrated knowledge of mechanical engineering as it relates to HVAC systems and Energy Recovery in forestry and agriculture operations including process design and simulation, equipment operations, technology adoption, process monitoring and troubleshooting, safety and environmental regulations and industry practices. An academic background and work experience suitable to providing technical consultations in support of innovative applied R&D projects that provide solutions for industry is also required. Candidates must recognize the value of engaging faculty and learners in industry support provision as a means of improving the quality of instructional delivery, course development and program design. A high degree of proficiency in the application of required software and hardware for analysis and familiarity with technologies and methodologies appropriate to the discipline are also required. Well-developed oral and written communication, team-building, and project management skills combined with the ability to establish and maintain effective work relationships are required. The required knowledge and skills would normally be acquired through completion of a Bachelor of Engineering (Mechanical) Degree or a Diploma in Mechanical, Process or Industrial Engineering Technology supplemented with recent, relevant industry experience. Experience and/or formal training in project management and teaching and curriculum development, as well as familiarity with programs at College of the North Atlantic will be considered assets.

SALARY: Commensurate with qualifications and experience in accordance with the College of the North Atlantic Faculty Collective Agreement.

College of the North Atlantic is an Equal Opportunity Employer.

The successful candidate will be required to provide a recent Certificate of Conduct.

Please apply online complete with resume at www.cna.nl.ca. University/College transcripts and names of three professional references will be required as part of the interview process.

Candidates must clearly demonstrate in their resume that they meet all of the required qualifications. Failure to do so may result in a candidate being screened out of the competition.

For questions regarding this job opening, please contact Iris Phillips, Human Resources Consultant at iris.phillips@cna.nl.ca or by phone at (709) 466-0254.